



Test Report

Sample Name	: LED Signal light

	O90-101BN-RYG O90-101BP-RYG
	O70-101BN-RYG O70-101BP-RYG
Sample Model	: O50-101BN-RYG O50-101BP-RYG
	O30-101BN-RYG O30-101BP-RYG
	H30-101BN-RYG H30-101BP-RYG
	H50-101BN-RYG H50-101BP-RYG

Inspection Classification	: Commission test

Manufacturer	: Otennlux Lighting Technology Co., Ltd

Client	: Otennlux Lighting Technology Co., Ltd



Guangzhou LCS Compliance Testing Laboratory Ltd.





Test Report

Client : Otennlux Lighting Technology Co., Ltd

Address : 301, Workshop 2, No. 4, Xingda Road, Pingshan 1st Village, Shibi Street, Panyu District, Guangzhou City, Guangdong Province

Manufacturer : Otennlux Lighting Technology Co., Ltd

Address : 301, Workshop 2, No. 4, Xingda Road, Pingshan 1st Village, Shibi Street, Panyu District, Guangzhou City, Guangdong Province

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client:

Sample Name : LED Signal light

Sample Model : O90-101BN-RYG O90-101BP-RYG O70-101BN-RYG O70-101BP-RYG
O50-101BN-RYG O50-101BP-RYG O30-101BN-RYG O30-101BP-RYG
H30-101BN-RYG H30-101BP-RYG H50-101BN-RYG H50-101BP-RYG

Sample Quantity : 1PC

Sample tested Status : Normal

Sample received Date : Nov.26, 2021


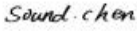

Sample tested Date : Nov.27, 2021

Test result information:

Test item : IP69K

Test standard : ISO 20653: 2013

Test result : PASS

					
Edited by	Heal Chen	Checked by	Sound Chen	Approved by	Kizard Zhang
	Dec.3, 2021		Dec.3, 2021		Dec.3, 2021





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Revise Record

Report version	Issued date	Revision times	Revised content	Valid version
LCS211123008CK	Dec.3, 2021	/	Original Report	Valid



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Test Report

Test Item1: IP6X Test

1) Environment conditions:

Temperature: 24.3°C Humidity: 55 %RH

2) Tested Sample:

Sample No.	Sample Name	Sample Model	Sample Quantity
211123008C-001	LED Signal light	O90-101-BN-RYG	1PC

Remark: All models have the same structure size;the report choose the model O90-101-BN-RYG as the main test model. other models testing result refer to the model O90-101-BN-RYG.

3) Reference Basis: ISO 20653: 2013

4) Test Condition:

1. Dangerous parts protection test:

1) The test prober of 1 mm diameter is pushed against any opening of the sample with force of 1N.

2. Solid foreign body protection test:

1) Dust type:Arizona dust;

2) Dust content of dust tester:2 kg/m³;

3) Test duration:A, Blowing dust 6 s;B, Stop for 15 minutes.A + B is a cycle, total 20 cycles.

3. Judge requirements:After the test, no dust entered into the sample.

5) Test Equipment:

Sequence	Equipment Name	Serial No.	Valid Date to
1	Dust test box	GLCS-S-227	Aug.19, 2022

6) Test Results:

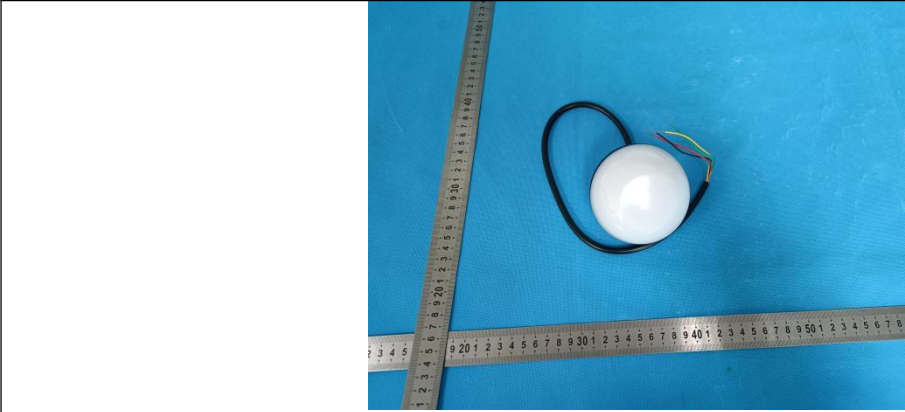
Sample No.	Test result	Judge
211123008C-001	After the test, no dust entered into the sample.	PASS





Test Report

Sample Photo before the Test:



Sample Photo during the Test:



Sample Photo after the Test:





Test Report

Test Item2: IPX9K Test

1) Environment conditions:

Temperature: 24.4°C Humidity: 55%RH

2) Tested Sample:

Sample No.	Sample Name	Sample Model	Sample Quantity
211123008C-001	LED Signal light	O90-101-BN-RYG	1PC

Remark: All models have the same structure size;the report choose the model O90-101-BN-RYG as the main test model. other models testing result refer to the model O90-101-BN-RYG.

3) Reference Basis: ISO 20653: 2013

4) Test Condition:

Water temperature	80±5°C
Pressure	(8000~10000kPa)
Water flow	14~16L/min
Distance	10~15CM
Angle and time	0°,30°,60°,90°,30s per angle

Judge requirements:After the test, no water entered into the sample.

5) Test Equipment:

Sequence	Equipment Name	Serial No.	Valid Date to
1	IPX9K rain test box	GLCS-S-228	Aug.19, 2022

6) Test Results:

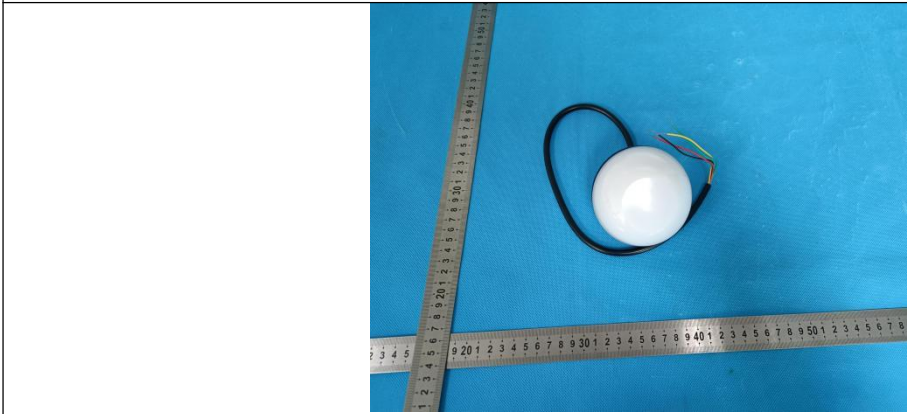
Sample No.	Test result	Judge
211011008C-001	After the test, no water entered the sample.	PASS



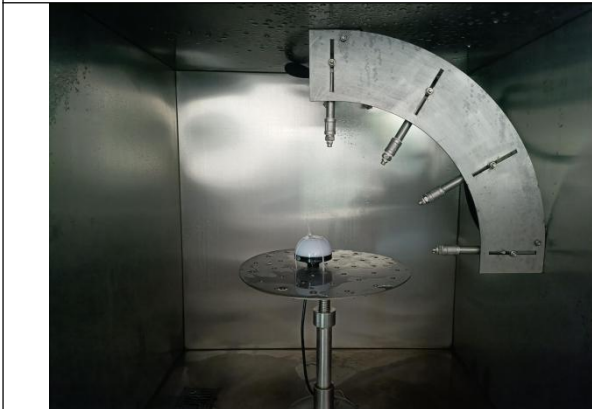


Test Report

Sample Photo before the Test:



Sample Photo during the Test:



Sample Photo after the Test:





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NOTES:

1. The report be without test report seal is considered as INVALID.
2. The content of reports cannot be copied without written consent of lab.
3. The report will be invalid without signature of testing person, review person and approved person.
4. Report will be invalid if altered.
5. If there is any objection to the test report, it should be submitted to the lab within 15 days. Otherwise, objection invalid.
6. Lab is responsible to the testing samples only.
7. The report is only for use of internal by customer or scientific research.

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**** End of Report ****



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